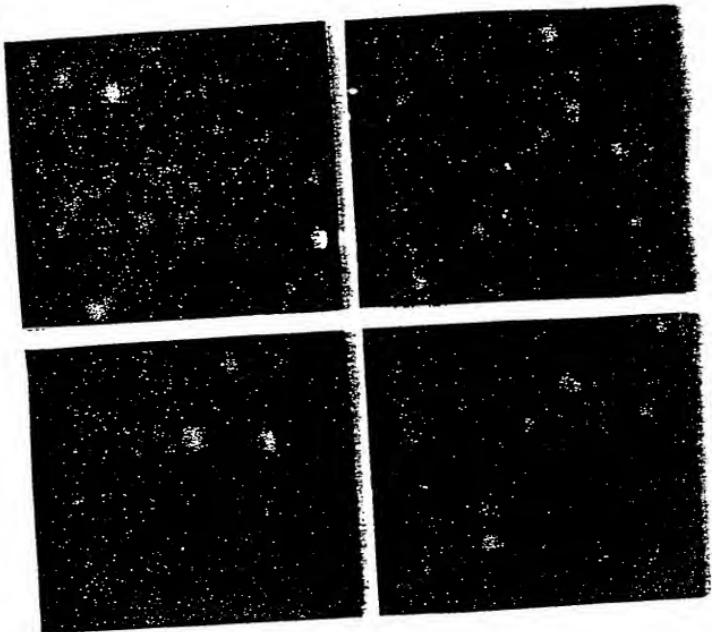


Figure
1

#4



09927150-101801

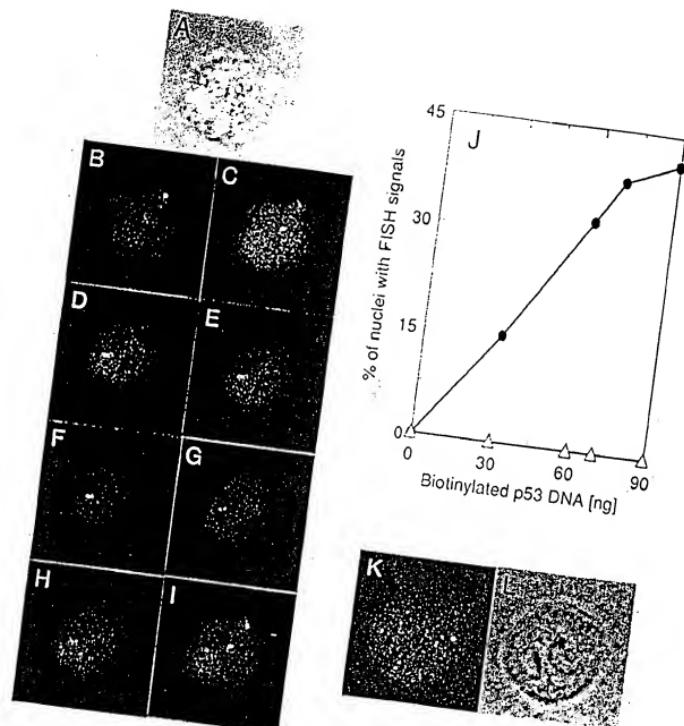


Figure 2

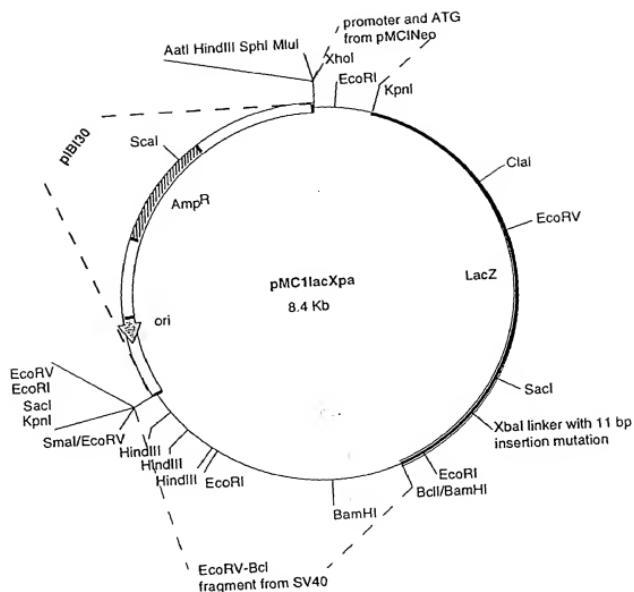


FIGURE 3

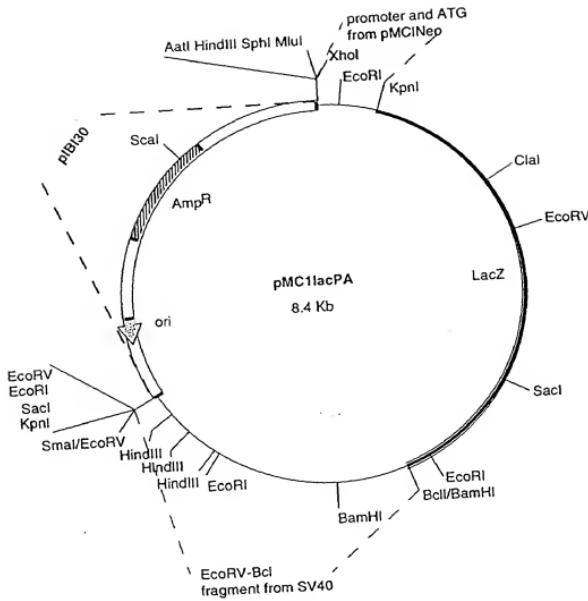
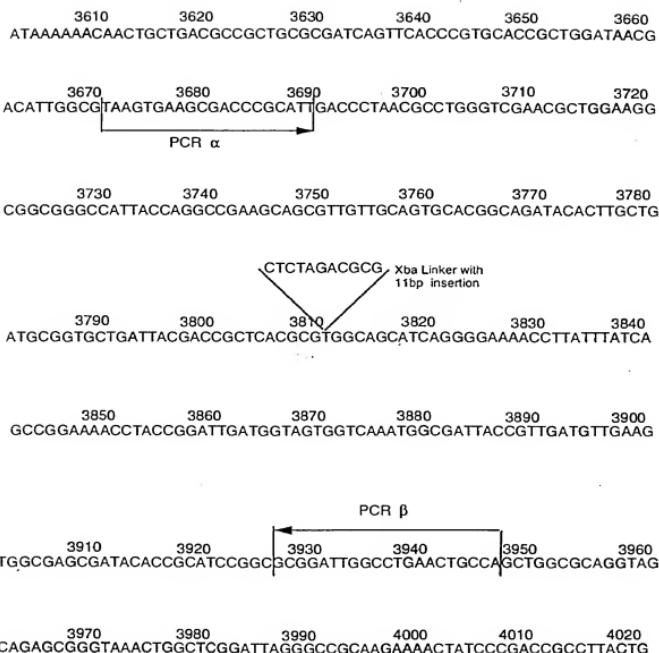


FIGURE 4

Figure 5



TEST FOR ALTERATION OF AN INSERTION MUTATION IN THE lacZ
 (β-GALACTOSIDASE) GENE OF EUKARYOTIC EXPRESSION VECTOR

Experimental Sample	Injected Plasmid, 276-mer DNA and RecA Protein	Number of Injected Surviving Cells	Number of Surviving Cells Scoring Blue	Surviving Cells Scoring Blue (%)
1	PSV-β-gal -276-mer - RecA	168	21	12.5
2	pMC1lacpa - 276-mer - RecA	98	9	9.2
3	pMC1lacXpa - 276-mer - RecA	173	0	0
4	pMC1lacXpa + 276-mer - RecA	103	0	0
5	pMC1lacXpa + 276-mer + RecA	168	6	3.6

Figure 6

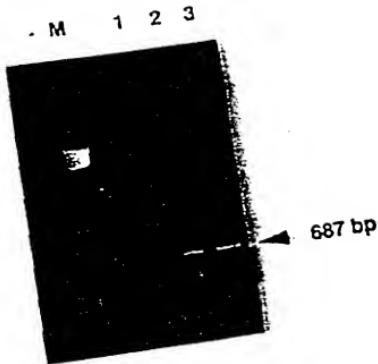


Figure
7A

Control (Σ CF)
 $T\Sigma$ CF Microinjected
 $T\Sigma$ CF P-L

Figure
7B



000027547411-0572660

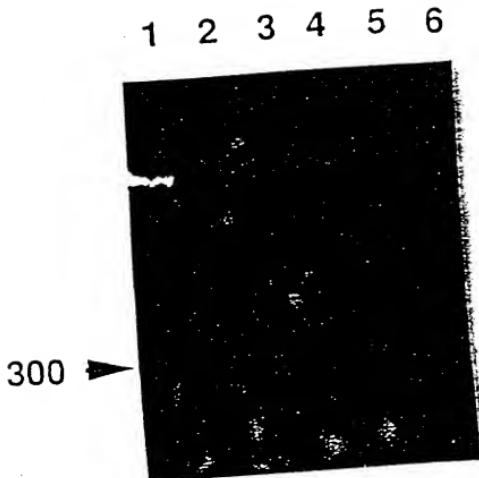


Figure
81A

1 2 3 4 5



Figure
81B

WADSWORTH 1972660

299 ➤

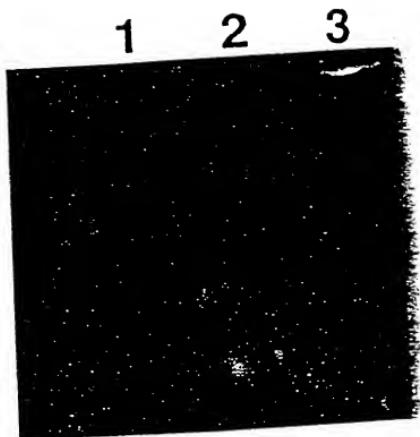


Fig 9^e

Scheme for recombination assay

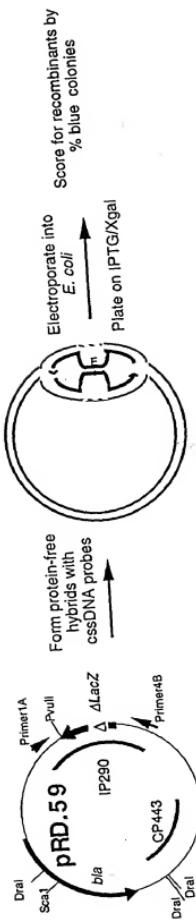


Figure 10

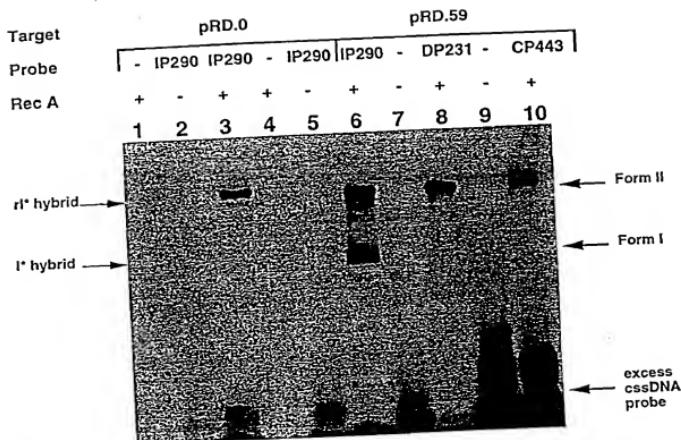


FIGURE 11

cssDNA Probe:Target Hybrids Enhance Homologous Recombination

Target	Probe	RecA coating	Host	%Recombinant / total colonies
pRD.59	-	+	RecA+	0
	-	+	RecA -	0
pRD.59 IP290	-		RecA+	0
	IP290	-	RecA -	0
	pRD.59 IP290	+	RecA+	3
	IP290	+	RecA -	0
pRD.59 DP290	-		RecA+	0
	DP290	-	RecA -	0
	pRD.59 DP290	+	RecA+	0
	DP290	+	RecA -	0
pRD.59 CP443	-		RecA+	0
	CP443	-	RecA -	0
	pRD.59 CP443	+	RecA+	0
	CP443	+	RecA -	0

Figure 12

probe strand target strand

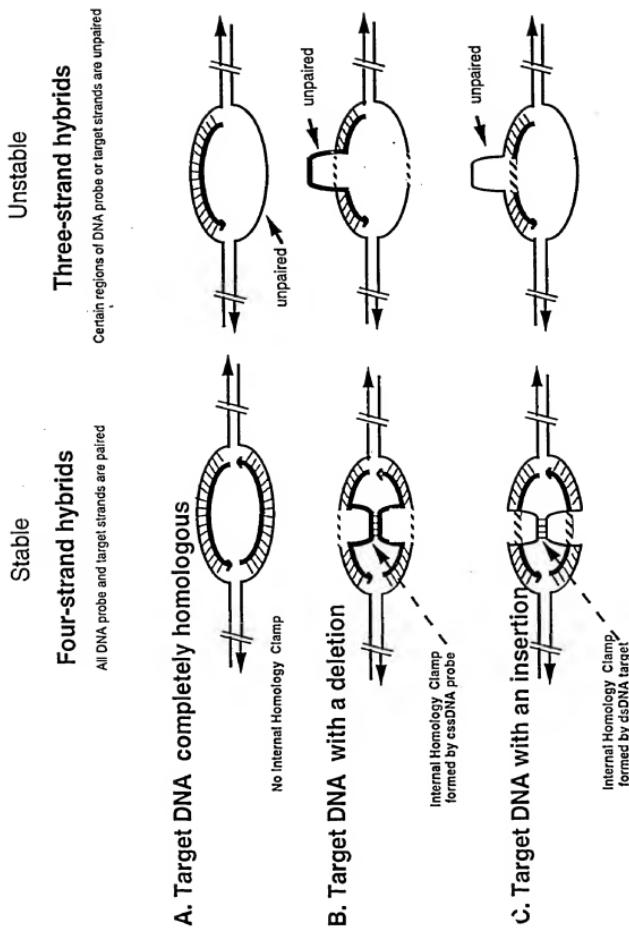


Figure 13

Figure 14A

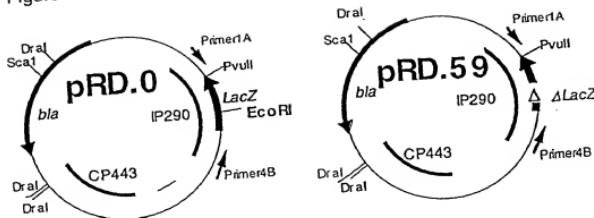
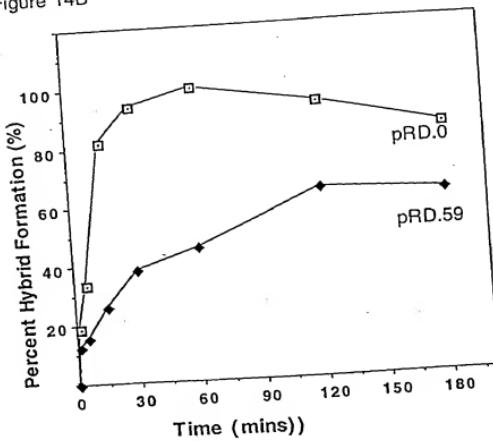


Figure 14B



A*i*

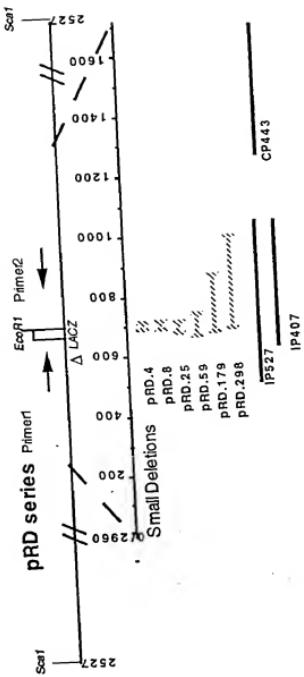


Figure 15A

Figure 15B

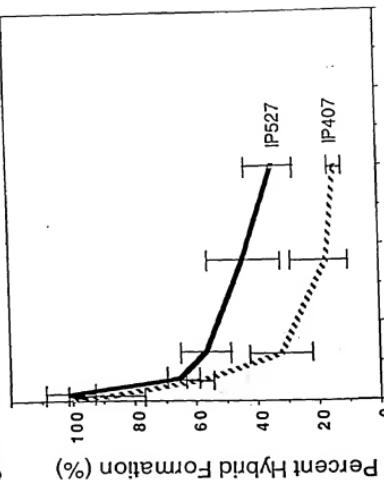


Figure 15C

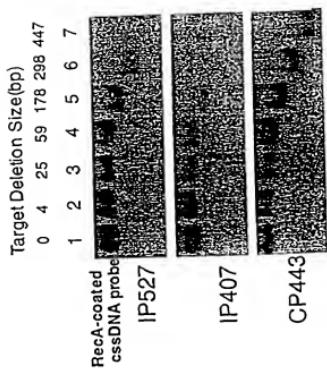
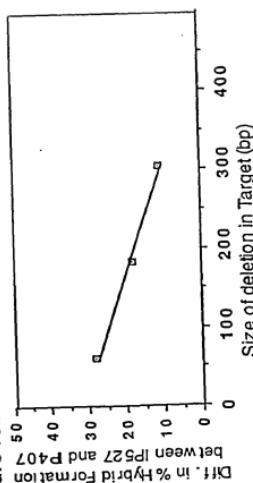


Figure 15D



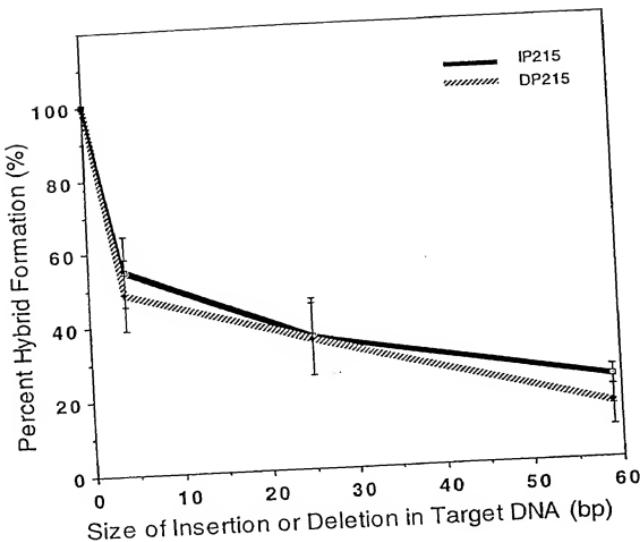


Figure 16

Figure 17A

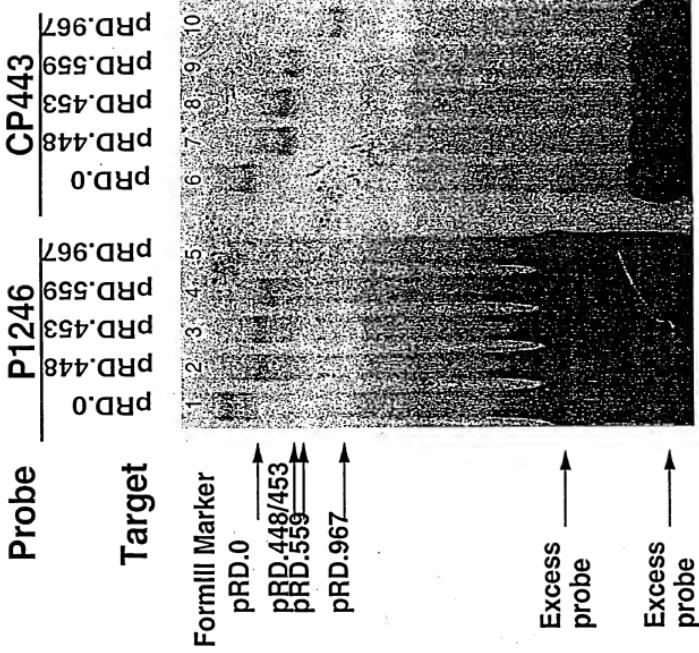


Figure 17B

<u>TARGET DNA</u>	<u>AMT. HOMOL. (bp)</u>	<u>RELATIVE HYBRIDIZATION</u>
pRD.0	1246	1.0
pRD.448	798	0.8
pRD.453	793	0.8
pRD.559	687	0.8
pRD.967	279	0.3

Figure 17C

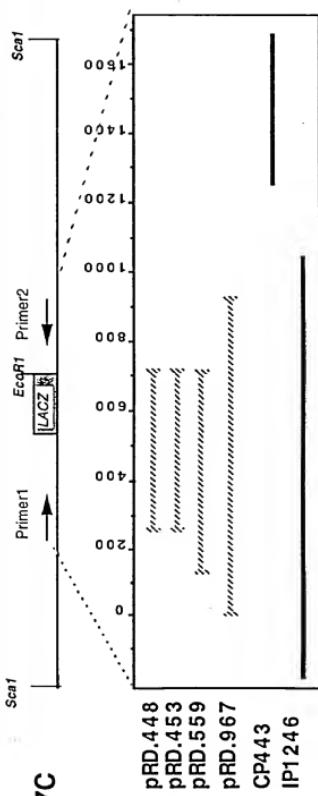


Figure 18

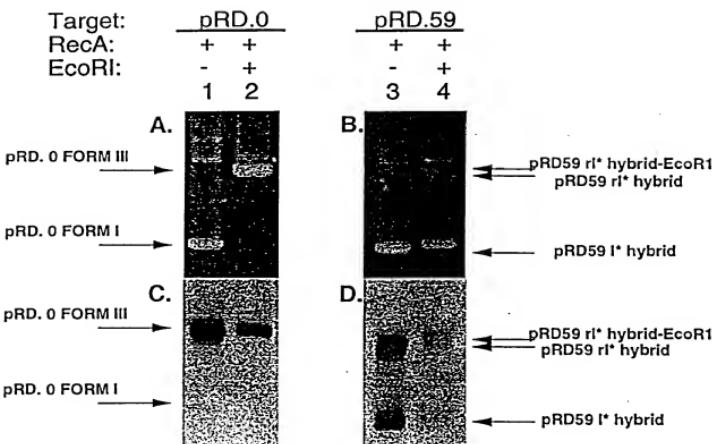
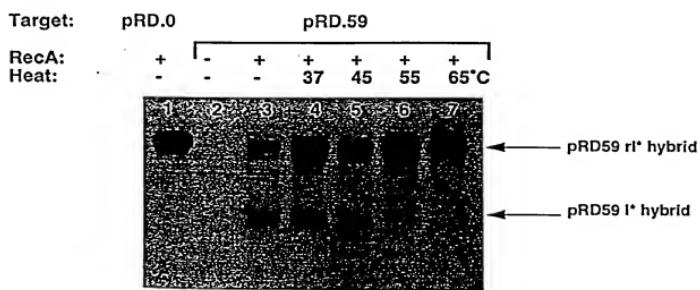


Figure 19



Mouse Ornithine Transcarbamylase Gene

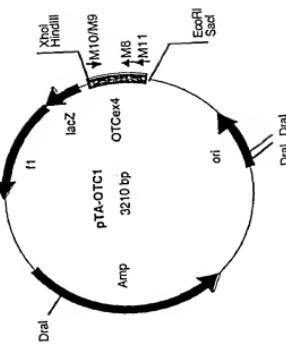
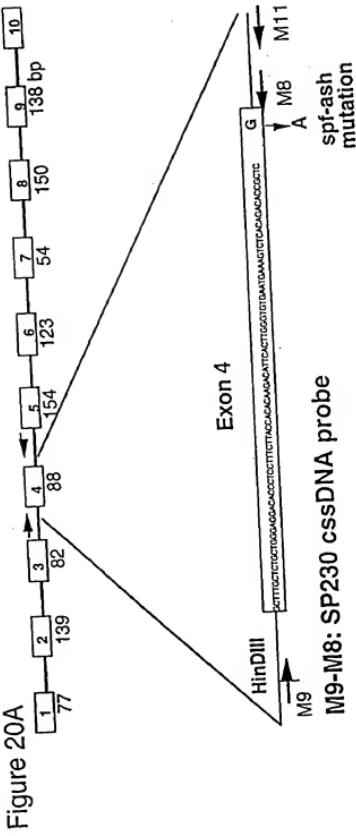


Figure 21 OTC exon4 DNA sequence determination

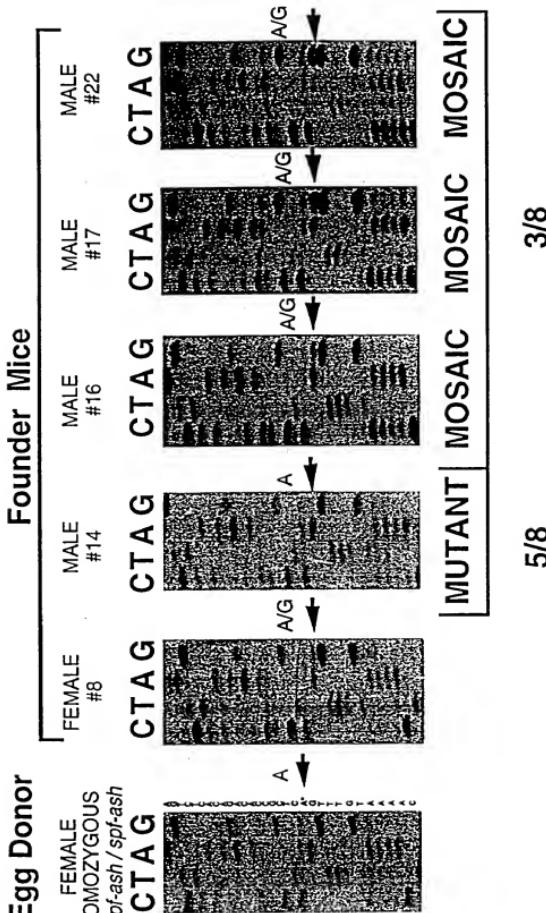


Figure 22

Germline Transmission of EHR Corrected OTC⁺ Allele

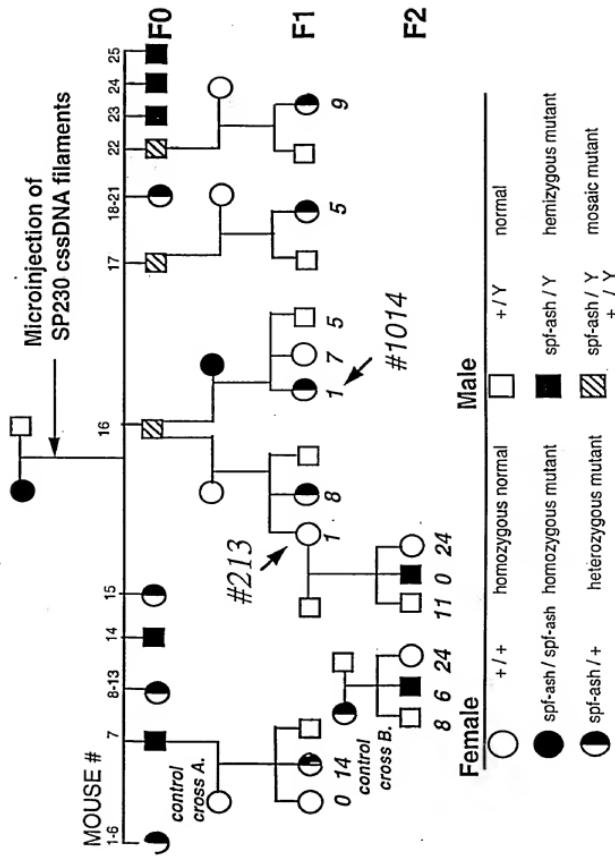


Figure 23 Germline Transmission of Corrected Allele of F0 Male #16

